BRUHAT BENGALURU MAHANAGARA PALIKE

Name of Work : Development of Green space and parks to Vin Field Layout Main Road Park Ward - 5 Jakkur (Yelahanka Zone)

1st and ~~final~~ Part bill

Sl No.	Specification	No	L	B	D	Quantity	Unit	Rate in Rs	Amount in Rs
1	Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials within a lead of 100 metres from road boundary, labour charges complete as per specifications. as directed by the engineer incharge of the work.								
	Quantity Prerecorded vide excel measurement Page no. 1					6606.00			
					Total	6606.00	Sqm	6.67	44,093.86
2	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods specifications. as directed by the engineer incharge of the work.for gazebo(3.5MX3.5Mand 6.5mx6.5m)								
	Quantity Prerecorded vide excel measurement Page no. 2					221.94	Cum		
	Quantity Prerecorded vide excel measurement Page no. 5					21.17	Cum		
	Quantity Prerecorded vide excel measurement Page no. 6					22.39	Cum		
	Quantity Prerecorded vide excel measurement Page no. 10					61.58	Cum		
	Total					327.08	Cum	210.26	68,770.17
3	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement@180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. As directed by the engineer incharge of the work..for and gazebo(3.5MX3.5Mand 6.5mx6.5m)								
	Quantity Prerecorded vide excel measurement Page no. 3					21.06	Cum		
	Quantity Prerecorded vide excel measurement Page no. 4					23.33	Cum		
	Quantity Prerecorded vide excel measurement Page no. 7					13.90	Cum		
	Quantity Prerecorded vide excel measurement Page no. 12					4.10	Cum		
	Total					62.39	Cum	5,414.39	3,37,802.13
4	Providing and constructing granite/ trap /basalt size stone masonry in foundation with Cement mortar 1:6, stone hammer dressed in courses not less than 20 cms high, bond stones at two m. Apart in each course including cost of materials, labour, curing complete as per specifications. As directed by the engineer incharge of the work								
	Quantity Prerecorded vide excel measurement Page no. 8					26.37	Cum		
	Quantity Prerecorded vide excel measurement Page no. 9					108.50	Cum		
	Total Quantity					134.87	Cum	4,657.91	6,28,221.89

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No.	Specification	No	L	B	D	Quantity	Unit	Rate in Rs	Amount in Rs
5	Providing and constructing granite/trap/ basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.As directed by the engineer incharge of the work,for compound&gate and gazebo								
	Gazebo 1		2	6.50	0.60	0.70	5.46	Cum	
			2	4.70	0.60	0.70	3.95	Cum	
	Gazebo 2		2	6.50	0.60	0.70	5.46	Cum	
			2	4.70	0.60	0.70	3.95	Cum	
	Eastern		1	30.00	0.45	0.70	9.45	Cum	
			1	30.00	0.45	0.70	9.45	Cum	
			1	4.25	0.45	0.60	1.15	Cum	
			1	30.00	0.45	0.70	9.45	Cum	
			1	13.75	0.45	0.70	4.33	Cum	
	Southern		1	17.50	0.45	1.20	9.45	Cum	
			1	30.00	0.45	0.70	9.45	Cum	
			1	17.30	0.45	0.70	5.45	Cum	
	Western		1	30.00	0.45	0.70	9.45	Cum	
			1	30.00	0.45	0.70	9.45	Cum	
			1	30.00	0.45	0.70	9.45	Cum	
			1	3.00	0.45	0.70	0.95	Cum	
	Northern		1	30.00	0.45	0.70	9.45	Cum	
			1	30.00	0.45	0.70	9.45	Cum	
			1	3.00	0.45	0.70	0.95	Cum	
	Gazebo 1(concreating to poles)		-8	0.60	0.45	1.00	-2.16	Cum	
	Gazebo 2(poles)		-8	0.60	0.45	1.00	-2.16	Cum	
	Poles for chain link fencing		-122	0.60	0.30	0.50	-10.98	Cum	
	ornamental grill pole conccreting		-56	0.60	0.30	0.50	-5.04	Cum	
	Total Quantity						**105.79**	Cum	
	Quantity to be paid as per BOQ						**68.14**		**5,567.91**	**3,79,397.55**
6	Providing flush pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications,. As directed by the engineer incharge of the work								
	Eastern		1	30.00	1.00	**0.70**	21.00	Sqm	
			1	30.00	1.00	**0.70**	21.00	Sqm	
			1	30.00	1.00	**0.70**	21.00	Sqm	
			1	13.75	1.00	**0.70**	9.63	Sqm	
	Southern		1	17.50	1.00	**0.60**	10.50	Sqm	
			1	30.00	1.00	**0.60**	18.00	Sqm	
			1	17.30	1.00	**0.60**	10.38	Sqm	
	Western		1	30.00	1.00	**0.60**	18.00	Sqm	
			1	30.00	1.00	**0.60**	18.00	Sqm	
			1	30.00	1.00	**0.60**	18.00	Sqm	
			1	3.00	1.00	**0.60**	1.80	Sqm	
	Northern		1	30.00	1.00	**0.60**	18.00	Sqm	
			1	30.00	1.00	**0.60**	18.00	Sqm	
			1	3.00	1.00	**0.60**	1.80	Sqm	
					Total		**205.11**	**Sqm**	**107.91**	**22,132.80**

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Assistant Executive Engineer
Lakes, BBMP
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No.	Specification	No	L	B	D	Quantity	Unit	Rate in Rs	Amount in Rs
7	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320 kgs, with 20mm and down size graded granite metalcoarse aggregates @ 0.878cum and fine aggregates @ 0.459cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. As directed by the engineer incharge of the work,.for open stage and gazebo 3.5mx3.5mand 6.5mx6.5m&rain water harvesting structure								
	coping								
	Eastern	1	30.00	0.45	0.10	1.35	cum		
		1	30.00	0.45	0.10	1.35	cum		
		1	30.00	0.45	0.10	1.35	cum		
		1	13.40	0.45	0.10	0.60	cum		
	Southern	1	27.30	0.45	0.10	1.23	cum		
		1	30.00	0.45	0.10	1.35	cum		
		1	7.50	0.45	0.10	0.34	cum		
	Western	1	30.00	0.45	0.10	1.35	cum		
		1	30.00	0.45	0.10	1.35	cum		
		1	30.00	0.45	0.10	1.35	cum		
		1	3.00	0.45	0.10	0.14	cum		
	Northern	1	30.00	0.45	0.10	1.35	cum		
		1	30.00	0.45	0.10	1.35	cum		
		1	3.00	0.45	0.10	0.14	cum		
	Gazebo 1	1	22.40	0.60	0.10	1.34	cum		
	Gazebo 2	1	22.40	0.60	0.10	1.34	cum		
	Gazebo 1concreating to poles)	8	0.60	0.45	1.00	2.16	cum		
	Gazebo 2(poles)	8	0.60	0.45	1.00	2.16	cum		
	Poles for chain link fencing	122	0.60	0.30	0.50	10.98	cum		
	ornamental grill pole conccreting	56	0.60	0.30	0.50	5.04	cum		
	Gate piller concreting	2	0.60	0.50	1.00	0.60	cum		
	slab on sump	1	6.70	3.10	0.15	3.12	cum		
	slab on water harvesting pit	6	1.90	0.60	0.10	0.68	cum		
						42.02			
	Quantity to be paid as per BOQ			**Total**		**29.04**	**cum**	**6,687.06**	**1,94,192.14**
8	Providing T.M.T Steel reinforcement for RCC work including styraightening ,cutting ,bending ,hooking, placing in position ,lappingand/or welding where ever required ,tying with binding wire and anchoring to the adjoining members where ever nessassary complete as per design (laps and westage shall not be measured and paid) cost of mateial,labour HOM of machinary complete as per specifications ,As directed by the engineer incharge of the work,for gates &rain water harvesting structure								
	Quantity Prerecorded vide excel measurement Page no. 14					0.32	Tonne		
						0.32	**Tonne**	**62353.94**	**19,953.26**

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No.	Specification	No	L	B	D	Quantity	Unit	Rate in Rs	Amount in Rs
9	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. As directed by the engineer incharge of the work								
	Gazebo 1		4	6.50	0.40	1.00	10.40	sqm	
	Gazebo 2		4	6.50	0.40	1.00	10.40	sqm	
					Total		20.80	sqm	
	Quantity to be paid as per BOQ						14.40	sqm	201.36	2,899.54
11	Providing & fixing MS grill over existing compound wall as per using 16 mm x 16 mm MS square rod at 150 mm c/c spacing and 6 mm x 40 mm MS flats at horizontal and 6 mm x 12 mm MS flat for ornamental design & providing sharp edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust & painted with anticorrosive paint (shop paint) etc, complete. The work includes cost of all materials, labour charges for all items of work, hire charges for building, cutting & grinding, equipment & electricity charges etc. complete as per specifications.As directed by the engineer incharge of the work								
	Eastern side		1	30.00	2.00		60.00	Sqm	
			1	30.00	2.00		60.00	Sqm	
			1	30.00	2.00		60.00	Sqm	
			1	13.75	2.00		27.50	Sqm	
					Total		207.50	Sqm	5811.54	12,05,895.23
12	Providing and fixing MS gate as per chief architect drawing using 50mmx50mm 14 gauge MS hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mmx6mm and 16mm square rods for verticles alternatively spaced @4cm c/c in two halves and 40mmx 6mm MS flats for horizontal member and at the top cast iron spikes are provided at alternate verticle members as shown in the drawings. all the steel surface should be thouroughly cleaned free of rust and painted with anticorrosive paint (shop paint) etc. the work includes cost of all materials , labour charges for all items of work, higher charges for welding, cutting and grinding equipments, and electricity charges complete as per specifications. As directed by the engineer incharge of the work								
	big gate		1	2.83	2.30		6.51	Sqm	
	small gate		1	1.05	2.30		2.42	Sqm	
					Total		8.92	Sqm	3263.99	29,127.82

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No.	Specification	No	L	B	D	Quantity	Unit	Rate in Rs	Amount in Rs
13	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. As directed by the engineer incharge of the work,for gates, MS grill and gazebo(3.5MX3.5M&6.5mx6.5m)								
	Eastern side		1	103.40	2.00	206.80	sqm		
	biggate		1	3.20	2.00	6.40	sqm		
	small gate		1	1.10	2.00	2.20	sqm		
	Gazebo-1(6.5X6.5)						sqm		
	Column 150X150X8 mm		8	2.4	0.60	11.52	sqm		
	Beam 150X75X6 mm(hollow pipe)		4	6.05	0.45	10.89	sqm		
	Cross 70X70X6.3 mm (hollow pipe)		4	5.35	0.28	5.99	sqm		
	Cross 70X70X6.3 mm (hollow pipe)		4	4.00	0.28	4.48	sqm		
	Cross 70X70X6.3 mm (hollow pipe)		8	2.20	0.28	4.93	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	7.15	0.15	4.29	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	6.45	0.15	3.87	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	5.85	0.15	3.51	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	5.25	0.15	3.15	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	4.75	0.15	2.85	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	4.15	0.15	2.49	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	3.60	0.15	2.16	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	3.05	0.15	1.83	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	2.50	0.15	1.50	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	2.00	0.15	1.20	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	1.50	0.15	0.90	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	0.90	0.15	0.54	sqm		
	Plate on column 250X250X8 mm		8	0.25	0.25	0.50	sqm		
	Center plate 375X375X8 mm		1	0.38	0.38	0.14	sqm		
	Gazebo-2(6.5X6.5)						sqm		
	Column 150X150X8 mm		8	2.4	0.60	11.52	sqm		
	Beam 150X75X6 mm(hollow pipe)		4	6.05	0.45	10.89	sqm		
	Cross 70X70X6.3 mm (hollow pipe)		4	5.35	0.28	5.99	sqm		
	Cross 70X70X6.3 mm (hollow pipe)		4	4.00	0.28	4.48	sqm		
	Cross 70X70X6.3 mm (hollow pipe)		8	2.20	0.28	4.93	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	7.15	0.15	4.29	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	6.45	0.15	3.87	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	5.85	0.15	3.51	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	5.25	0.15	3.15	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	4.75	0.15	2.85	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	4.15	0.15	2.49	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	3.60	0.15	2.16	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	3.05	0.15	1.83	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	2.50	0.15	1.50	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	2.00	0.15	1.20	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	1.50	0.15	0.90	sqm		
	Reepers 50X25X3mm (hollow pipe)		4	0.90	0.15	0.54	sqm		
	Plate on column 250X250X8 mm		8	0.25	0.25	0.50	sqm		
	Center plate 375X375X8 mm		1	0.38	0.38	0.14	sqm		
	Total					**348.74**	sqm		
	Qnty to be paid as per BOQ					**336.55**	sqm	**91.22**	**30700.95**

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No.	Specification	No	L	B	D	Quantity	Unit	Rate in Rs	Amount in Rs
16	Providing and filling in foundation with granite /trap broken metal 100mm and down size , with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift .complete as per specifications, and as directed by the department officers.								
	Quantity Prerecorded vide excel measurement Page no. 11					19.52	Cum		
						19.52	**Cum**	**2351.76**	**45904.03**
17	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli grey granite in cement mortar CM 1:4 proportion, cut to required shape pattern with paper joints finished with cement mortar using white cement and colour pigments to match the colour of slb making through jointing with sealent grooves in joints including cost of all materials , mortar, labour, curing etc,. complete as per specifications minimum width of 1200 mm as per specifications ,As directed by the engineer incharge of the work								
	Gazebo-1(6.5X6.5)		1	6.50	6.50	42.25	Sqm		
	Gazebo-2(6.5X6.5)		1	6.50	6.50	42.25	Sqm		
	for steps (gazebo 1)		2	1.55	0.30	0.93	Sqm		
			1	1.55	0.45	0.70	Sqm		
	for risers		3	1.55	0.20	0.93	Sqm		
	for steps (gazebo 2)		2	1.50	0.30	0.93	Sqm		
			1	1.50	0.35	0.90	Sqm		
	for risers		3	1.50	0.20	0.53	Sqm		192480/-
	LHS 87.12				**Total**	**89.41**	**Sqm**	**2209.37**	**1,97,544.89**
18	Providing and fixing of 150x150x10mm thick M.S Box section columns Fabricating, supplyinf and erecting MS Angular trusses for all spans as per apprroved design and drawings. The entire trusses is anchored suitably by using 4 Nos of anchor bolts at each support, with base plate shoe plate.the work includes straightening ,placing in position of MS Angle and welding whereever necessary and applying one coat of red oxide primer coat to all the members including cost of materials, labour charges and hire charges of machinery for cutting, welding, grinding and erection equipments etc,complete as per specifications,As directed by the engineer incharge of the work								
	Quantity Prerecorded vide excel measurement Page no. 13					2032.65	Kgs		
	Gazebo-1(6.5X6.5)						Kgs		
	Beam 150X75X6 mm(hollow pipe)	4	6.05		24.20	19.34	468.03	Kgs	
	Cross 70X70X6.3 mm (hollow pipe)	4	5.35		21.40	12.50	267.50	Kgs	
	Cross 70X70X6.3 mm (hollow pipe)	4	4.00		16.00	12.50	200.00	Kgs	
	Cross 70X70X6.3 mm (hollow pipe)	8	2.20		17.60	12.50	220.00	Kgs	
	Reepers 50X25X3mm (hollow pipe)	4	7.15		28.60	3.07	87.80	Kgs	
	Reepers 50X25X3mm (hollow pipe)	4	6.45		25.80	3.07	79.21	Kgs	
	Reepers 50X25X3mm (hollow pipe)	4	5.85		23.40	3.07	71.84	Kgs	
	Reepers 50X25X3mm (hollow pipe)	4	5.25		21.00	3.07	64.47	Kgs	
	Reepers 50X25X3mm (hollow pipe)	4	4.75		19.00	3.07	58.33	Kgs	
	Reepers 50X25X3mm (hollow pipe)	4	4.15		16.60	3.07	50.96	Kgs	
	Reepers 50X25X3mm (hollow pipe)	4	3.60		14.40	3.07	44.21	Kgs	
	Reepers 50X25X3mm (hollow pipe)	4	3.05		12.20	3.07	37.45	Kgs	
	Reepers 50X25X3mm (hollow pipe)	4	2.50		10.00	3.07	30.70	Kgs	
	Reepers 50X25X3mm (hollow pipe)	4	2.00		8.00	3.07	24.56	Kgs	
	Reepers 50X25X3mm (hollow pipe)	4	1.50		6.00	3.07	18.42	Kgs	
	Reepers 50X25X3mm (hollow pipe)	4	0.90		3.60	3.07	11.05	Kgs	
	Plate on column 250X250X8 mm	8	0.25	0.25	0.50	78.50	39.25	Kgs	
	Center plate 375X375X8 mm	1	0.38	0.38	0.14	78.50	11.04	Kgs	

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25/12/19

Environmental Engineer
Lakes, BBMP

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Lakes, BBMP

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No.	Specification	No		L	B	D	Quantity	Unit	Rate in Rs	Amount in Rs
	Gazebo-2(6.5X6.5)									
	Beam 150X75X6 mm(hollow pipe)	4	6.05		24.20	19.34	468.03	Kgs		
	Cross 70X70X6.3 mm (hollow pipe)	4	5.35		21.40	12.50	267.50	Kgs		
	Cross 70X70X6.3 mm (hollow pipe)	4	4.00		16.00	12.50	200.00	Kgs		
	Cross 70X70X6.3 mm (hollow pipe)	8	2.20		17.60	12.50	220.00	Kgs		
	Reepers 50X25X3mm (hollow pipe)	4	7.15		28.60	3.07	87.80	Kgs		
	Reepers 50X25X3mm (hollow pipe)	4	6.45		25.80	3.07	79.21	Kgs		
	Reepers 50X25X3mm (hollow pipe)	4	5.85		23.40	3.07	71.84	Kgs		
	Reepers 50X25X3mm (hollow pipe)	4	5.25		21.00	3.07	64.47	Kgs		
	Reepers 50X25X3mm (hollow pipe)	4	4.75		19.00	3.07	58.33	Kgs		
	Reepers 50X25X3mm (hollow pipe)	4	4.15		16.60	3.07	50.96	Kgs		
	Reepers 50X25X3mm (hollow pipe)	4	3.60		14.40	3.07	44.21	Kgs		
	Reepers 50X25X3mm (hollow pipe)	4	3.05		12.20	3.07	37.45	Kgs		
	Reepers 50X25X3mm (hollow pipe)	4	2.50		10.00	3.07	30.70	Kgs		
	Reepers 50X25X3mm (hollow pipe)	4	2.00		8.00	3.07	24.56	Kgs		
	Reepers 50X25X3mm (hollow pipe)	4	1.50		6.00	3.07	18.42	Kgs		
	Reepers 50X25X3mm (hollow pipe)	4	0.90		3.60	3.07	11.05	Kgs		
	Plate on column 250X250X8 mm	8	0.25	0.25	0.50	78.50	39.25	Kgs		
	gate pillers(150X75 X6)		2.00	2.00		19.34	77.36	Kgs		
	75X75X6		1.00	2.00		12.50	25.00	Kgs		
							5693.61	**kgs**	**130.16**	**7,41,074.67**
19	Providing and fixing of Mangalore tiles roofing using first class tiles with necessary special tiles for ridges and hips, teak wood reepers of size 50x25mm and pointed with cement mortar 1:4 over the existing rafters including cost of materials , labour,curing complete as per specifications,As directed by the engineer incharge of the work									
	Gazebo-1(6.5X6.5)		4	0.50	6.90	4.00	55.20	Sqm		
	Gazebo-2(6.5X6.5)		4	0.50	6.90	4.00	55.20	Sqm		
					Total		**110.40**	**Sqm**	**1,336.08**	**1,47,502.84**
20	Providing, laying, spreading and compacting crushed stone aggregates of granite/ trap/ basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to the site , laying in uniform layers with paver in sub- base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.As directed by the engineer incharge of the work									
	Eastern side		1	30.00	2.50	0.20	15.00	Cum		
			1	30.00	2.50	0.20	15.00	Cum		
			1	39.40	2.50	0.20	19.70	Cum		
	Southern side		1	49.00	2.55	0.20	24.99	Cum		
			1	17.50	2.55	0.20	8.93	Cum		
	Western side		1	30.00	2.55	0.20	15.30	Cum		
			1	33.30	2.55	0.20	16.98	Cum		
	Northern		1	30.00	2.55	0.20	15.30	Cum		
			1	24.50	2.55	0.20	12.50	Cum		
	from gate		1	3.30	4.30	0.20	2.84	Cum		
	From Gazebo to east		1	17.20	2.05	0.20	7.05	Cum		
	From Gazebo to west		1	27.50	2.05	0.20	11.28	Cum		
	From Gazebo to south		1	14.20	2.05	0.20	5.82	Cum		
	From Gazebo to north		1	63.00	2.05	0.20	25.83	Cum		

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No.	Specification	No	L	B	D	Quantity	Unit	Rate in Rs	Amount in Rs
	middle 1	1	20.20	2.05	0.20	8.28	Cum		
	middle 2	1	33.40	2.05	0.20	13.69	Cum		
	Around Gazebo 1	1	10.90	2.70	0.20	5.89	Cum		
		1	11.00	2.05	0.20	4.51	Cum		
		2	6.90	2.05	0.20	5.66	Cum		
	Around Gazebo 2	2	10.90	2.05	0.20	8.94	Cum		
		2	6.90	2.05	0.20	5.66	Cum		
	Less steps area	-2	1.50	0.80	0.20	-0.48	Cum		
				Total		248.66	Cum	1855.60	4,61,406.06
21	Providing & laying heavy duty cobble stones 60 mm thick interlocked pavers, using cement & coarse sand for manufacture of blocks of approved size, shape & colour with a minimum compressive strength of 281 Kg/sqm over 50 mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints in to its final level, including cost of materials, labour and HOM of machineries complete as per specifications ,As directed by the engineer incharge of the work								
	Eastern side	1	30.00	2.50		75.00	Sqm		
		1	30.00	2.50		75.00	Sqm		
		1	39.40	2.50		98.50	Sqm		
	Southern side	1	49.00	2.55		124.95	Sqm		
		1	17.50	2.55		44.63	Sqm		
	Western side	1	30.00	2.55		76.50	Sqm		
		1	33.30	2.55		84.92	Sqm		
	Northern	1	30.00	2.55		76.50	Sqm		
		1	24.50	2.55		62.48	Sqm		
	from gate	1	3.30	4.30		14.19	Sqm		
	From Gazebo to east	1	17.20	2.05		35.26	Sqm		
	From Gazebo to west	1	27.50	2.05		56.38	Sqm		
	From Gazebo to south	1	14.20	2.05		29.11	Sqm		
	From Gazebo to north	1	63.00	2.05		129.15	Sqm		
	middle 1	1	20.20	2.05		41.41	Sqm		
	middle 2	1	33.40	2.05		68.47	Sqm		
	Around Gazebo 1	1	10.90	2.70		29.43	Sqm		
		1	11.00	2.05		22.55	Sqm		
		2	6.90	2.05		28.29	Sqm		
	Around Gazebo 2	2	10.90	2.05		44.69	Sqm		
		2	6.90	2.05		28.29	Sqm		
	Less steps area	-2	1.50	0.80		-2.40	Sqm		
				Total		1243.28	Sqm	1014.57	12,61,397.87

Checked this no (21) and advr

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No.	Specification	No	L	B	D	Quantity	Unit	Rate in Rs	Amount in Rs
22	Providing and fixing pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete size 450 x 200 x 400 mm								
	Eastern side								
	(outer=213, inner=200)		413			413.00	Nos		
	North side						Nos		
	(outer=120, inner=108)		228			228.00	Nos		
	west side						Nos		
	(outer=199, inner=182)		381			381.00	Nos		
	water tank side=06		6			6.00	Nos		
	south side						Nos		
	(outer=111, inner=102)		213			213.00	Nos		
	Entry from south to Gazebo 36+30)		66			66.00	Nos		
	Entry from east to Gazebo 35+35)		70			70.00	Nos		
	Entry from north to Gazebo 127+127)		254			254.00	Nos		
	Entry from west to Gazebo 58+58)		116			116.00	Nos		
	Alround the Gazebo 1						Nos		
	(outer=53, inner=87)		140			140.00	Nos		
	Children play area		108			108.00	Nos		
	entry		8			8.00	Nos		
	Gym area		76			76.00	Nos		
	entry		8			8.00	Nos		
	Cross walk way(112+110)		222			222.00	Nos		
	NE play area (61+64)		125			125.00	Nos		
	entry		6			6.00	Nos		
	Entry to Gazebo 2		4			4.00	Nos		
	Yoga area		68			68.00	Nos		
	entry		8			8.00	Nos		
					Total	2520.00	Nos	404.94	10,20,446.48
42	Geophysical investigation of site for sinking bore well for supply drinking water to the habitation either through the Hand Pump. MWS or PWSS by vertical electrical sounding by adopting Venner or schlumberger's method, including reconnaissance survey of geological formation, Geophysical investigation of existing ground infecundity its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top in consolidated formation of proper scatting of casing pipe ,depth of drilling required to cover full depth of auquifer propopsed to be tapped Proboabale yield and other information required including transporetation technical personal and labour etc ,as directed by the engineer incharge of the work								
	borewell 1					1.00	nos		
						1.00	nos	2,167.22	2,167.22
43	Sinking of borewell of 165mm dia clear using super fast hydraulic rig of capacity 250 PSIG and above 900 CMF and above in all strata including over burden upto 20m, fixing of casing pipes, collars and cap with necessary welding, cutting and treading including transportation of rig and supporting vehicles, screw charges and cost of consumables, etc.. complete including yield testing at the final depth with a minimum working of compressor for one hour.(excluding cost of casing pipes, collars, caps etc.,)As directed by the engineer incharge of the worka) 0.00 to 50.00 mts								
	borewell 1					50.00	Mts		
	total					**50.00**	**Mts**	**330.78**	**16,539.07**

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No.	Specification	No	L	B	D	Quantity	Unit	Rate in Rs	Amount in Rs
44	Sinking of borewell of 165mm dia clear using super fast hydraulic rig of capacity 250 PSIG and above 900 CMF and above in all strata including over burden upto 20m, fixing of casing pipes, collars and cap with necessary welding, cutting and treading including transportation of rig and supporting vehicles, screw charges and cost of consumables, etc.. complete including yield testing at the final depth with a minimum working of compressor for one hour.(excluding cost of casing pipes, collars, caps etc.,)As directed by the engineer incharge of the workb) 50.00 to 100.00 mts								
	borewell 1					50.00	Mts		
	total					50.00	Mts	432.39	21,619.70
45	Sinking of borewell of 165mm dia clear using super fast hydraulic rig of capacity 250 PSIG and above 900 CMF and above in all strata including over burden upto 20m, fixing of casing pipes, collars and cap with necessary welding, cutting and treading including transportation of rig and supporting vehicles, screw charges and cost of consumables, etc.. complete including yield testing at the final depth with a minimum working of compressor for one hour.(excluding cost of casing pipes, collars, caps etc.,)As directed by the engineer incharge of the workc) 100.00 to 150.00 mts								
	borewell 1					50.00	Mts		
						50.00	Mts	480.67	24,033.55
46	Sinking of borewell of 165mm dia clear using super fast hydraulic rig of capacity 250 PSIG and above 900 CMF and above in all strata including over burden upto 20m, fixing of casing pipes, collars and cap with necessary welding, cutting and treading including transportation of rig and supporting vehicles, screw charges and cost of consumables, etc.. complete including yield testing at the final depth with a minimum working of compressor for one hour.(excluding cost of casing pipes, collars, caps etc.,)As directed by the engineer incharge of the workd) 150.00 to 200.00 mts								
	borewell 1					50.00	Mts		
						50.00	Mts	508.06	25,403.15
47	Sinking of borewell of 165mm dia clear using super fast hydraulic rig of capacity 250 PSIG and above 900 CMF and above in all strata including over burden upto 20m, fixing of casing pipes, collars and cap with necessary welding, cutting and treading including transportation of rig and supporting vehicles, screw charges and cost of consumables, etc.. complete including yield testing at the final depth with a minimum working of compressor for one hour.(excluding cost of casing pipes, collars, caps etc.,)As directed by the engineer incharge of the worke) 200.00 to 250.00 mts								
	borewell 1					50.00	Mts		
						50.00	Mts	588.06	29,402.79
48	Sinking of borewell of 165mm dia clear using super fast hydraulic rig of capacity 250 PSIG and above 900 CMF and above in all strata including over burden upto 20m, fixing of casing pipes, collars and cap with necessary welding, cutting and treading including transportation of rig and supporting vehicles, screw charges and cost of consumables, etc.. complete including yield testing at the final depth with a minimum working of compressor for one hour.(excluding cost of casing pipes, collars, caps etc.,)As directed by the engineer incharge of the workf) 250.00 mtrs & above								
	borewell 1					91.00	Mts		
					Total Qty	91.00	Mts	588.06	53,513.08

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No.	Specification	No	L	B	D	Quantity	Unit	Rate in Rs	Amount in Rs
49	Supply of ISI mark 175 mm nominal bore,plain end steel casing pipe grade of steel fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, eletric resistence welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mts. Both ends threaded confirming to IS 554/1985, one end fixed with socket conforming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be with ISI marking, weighing 25.10Kg/mtr (inclusive of all taxes and duties). Prices including collar medium duty.As directed by the enginer inchargeof the work .a) Casing pipe,As directed by the enginer inchargeof the work								
	borewell 1			6.00	2.00	**12.00**			
						12.00	**mts**	**1,390.59**	**16,687.05**
52	Supply and delivery of submersible pump sets suitable for borewell of 165mm dia with specified duty conditions as detailed below and satisfying performance characteristics for pump and motor specified in BIS with ISI mark with a minimum efficiency of 42% pump shall confirm to IS 8034/2002 and motor conforming to IS 9283/1995 with ISI Certification ,7.50 HP/9.3 KW Sub mersible pump set, As directed by the enginer inchargeof the work								
	pump installed					1.00	**nos**		
						1.00	**nos**	**56,987.85**	**56,987.85**
53	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper conductor cofirming to table 3 class 5 to IS 8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100 volts with specified IS 694:1990 and confirming to the attwached GTP of Group A 3C x 6.0 Sq.mm, As directed by the enginer inchargeof the work								
	for irrigation					122.00	**Mtr**		
	Total					**122.00**	**Mtr**	**198.04**	**24,160.96**
54	Errection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair of supporting clams, borewell cap, cable clips with bolts, nuts, valve gauges etc., involved in the job. (Necessary G.I.Pipe and specials will be supplied by the board at the site free of cost), As directed by the enginer inchargeof the work								
	in sump					1.00	**nos**		
	Total					**1.00**	**nos**	**1,794.65**	**1,794.65**
55 61	Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 50mm dia nominal bore with fittings (medium grade weight 1.27 Kg/mtr) B class including cost of all materials, labour charges, HOM of equipment and testing complete as per specifications.as directed by the engineer incharge of the work.								
	sump to above					15.00	**mts**		
						15.00	**mts**	**488.52**	**7,327.82**

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No.	Specification	No	L	B	D	Quantity	Unit	Rate in Rs	Amount in Rs
82	Providing and constructing burnt brick masonary with honey comb work with approved quality of non modular bricks of standard size of class designation 5.00 Newton per sqmm(table moulded) with cement mortar for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications..As directed by the engineer incharge of the work.								
	For sump		2	6.70	0.23	1.85	5.70	Cum	
	For sump		2	3.10	0.23	1.85	2.64	Cum	
	sump top		2	1.05	0.23	0.10	0.05	Cum	
			2	0.60	0.23	0.10	0.03	Cum	
	harvesting		2	1.95	0.23	3.70	3.32	Cum	
	harvesting		2	1.40	0.23	3.70	2.38	Cum	
	Total						**14.12**	**Cum**	**7,266.65**	**1,02,586.26**
83	Providing 12mm thick cement mortar plaster in single coat with cement plaster in single coat with cement mortar 1:3 to brick masonary including rounding off corners whereever required smooth rendering, providing and removing scaffolding,including cost of materials, labour, curing complete as per specifications..As directed by the engineer incharge of the work.								
	sump		1	2.00	6.70	1.75	**23.45**	**sqm**		
			1	2.00	2.65	1.75	**9.28**	**sqm**		
							32.73	**sqm**	**201.36**	**6,589.41**
	Total									**72,27,276.73**

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